

10-19-01

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Louis A. Tartaglia and Xun Weng)

Title: *Nucleic Acid Molecules Encoding*)
GLUTX and Uses Thereof)

Filed: HERewith)

Attorney Docket No. MPI1998-021DV3)

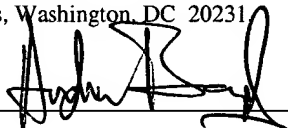
Group Art Unit: Unknown
Examiner: Unknown

"Express Mail" mailing label number EL 791760334 US

Date of Deposit October 18, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231

Signature



Andrew Boyd

Printed Name of Person Signing

TRANSMITTAL LETTER

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed for filing at the U.S. Patent and Trademark Office, please find the following documents:

1. Request for filing a nonprovisional patent application under 37 C.F.R. §1.53(b) and a duplicate copy for fee processing;

JC687 U.S. PTO
10/18/01

09981947-101801

- 09981947-101801
2. 93 pages of specification, including claims and abstract;
 3. 8 sheets of drawings;
 4. Transmittal of Formal Drawings;
 5. 14 sheets of Formal Drawings;
 6. 2 pages of executed Combined Declaration and Power of Attorney;
 7. Revocation of Prior Powers of Attorney and Appointment of New Power of Attorney;
 8. Request for transfer of Sequence Listing under 37 C.F.R. §1.821(e);
 9. Sequence Listing as filed in the parent applications;
 10. Form PTO-1449: 1 page listing documents cited in the parent applications
(Please confirm that these have been considered in this application by returning a copy of Form PTO-1449 initialed by the examiner);
 11. Preliminary Amendment; and
 12. Return receipt postcard.

Kindly acknowledge receipt of this application by returning the enclosed postcard with the "received" stamp of the Patent and Trademark Office imprinted thereon.

Please send all correspondence to Applicants' representative indicated below.

Respectfully submitted,

MILLENNIUM PHARMACEUTICALS, INC.
75 Sidney Street
Cambridge, MA 02139
(617) 551-3969

October 18, 2001

By:



Jill E/Uhl

Reg. No: 43,213

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Louis A. Tartaglia and Xun Weng)

Title: *Nucleic Acid Molecules Encoding*)
GLUTX and Uses Thereof)

FILED: HEREWITH)

Attorney Docket No. MPI1998-021DV3)

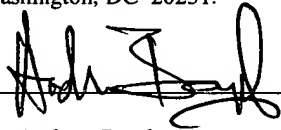
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Signature



Andrew Boyd

Printed Name of Person Signing

REQUEST FOR FILING A NONPROVISIONAL APPLICATION
UNDER 37 C.F.R. §1.53(b)

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This is a request for filing a divisional application under 37 C.F.R. §1.53(b) and claiming benefit of priority under 35 U.S.C. §120, of pending prior application U.S. serial no. 09/610,417 filed on July 5, 2000, which is a divisional application of U.S. serial no.

09610417 24 OCT 2001

09/299,549 filed on April 26, 1999, which is a divisional application of U.S. serial no. 09/031,392 filed on February 26, 1998. The disclosures of the prior applications are considered part of (and are incorporated by reference in) the disclosure of this application.

Enclosed are the following papers required to receive a filing date under 37 C.F.R. §1.53(b):

Specification:	84 pages
Claims:	8 pages
Abstract:	1 page
Drawings:	8 pages

Also enclosed are a signed Combined Declaration and Power of Attorney as filed with prior application nos. 09/031,392, 09/299,549, and 09/610,417, and a Revocation of Prior Powers of Attorney and Appointment of New Power of Attorney for prior application no. 09/610,417.

The instant application contains nucleic acid and amino acid sequences required to be disclosed in a Sequence Listing under 37 C.F.R. §§1.821-1.825. It is requested that the Sequence Listing in computer readable format from prior application no. 09/031,392, filed on February 26, 1998 be made a part of the present application as provided for by 37. C.F.R. §1.821(e). A paper copy of the Sequence Listing from application no. 09/031,392 is enclosed.

Each of the prior applications is assigned of record to Millennium Pharmaceuticals, Inc., a Delaware corporation, by virtue of an assignment submitted to the Patent and Trademark Office for recording on May 13, 1998 at reel 9189, frame 0906.

09981947 "101301
T08T0T 246T8650

The filing fee for the present application is calculated below:

Basic filing fee	\$740
Total claims in excess of 20=12, times \$18	\$216
Independent claims in excess of 3=15, times \$84	\$1260
Fee for multiple dependent claims	\$0
 Total filing fee:	 \$2216

The Commissioner is hereby authorized to charge the filing fee for other than a small entity to our Deposit Account No. 501668.

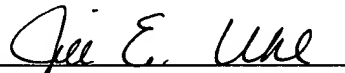
This letter is enclosed in duplicate for fee processing. If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please contact the undersigned.

Respectfully submitted,

MILLENNIUM PHARMACEUTICALS, INC.
75 Sidney Street
Cambridge, MA 02139
(617) 551-3969

October 18, 2001

By:


Jill E. Uhl
Reg. No: 43,213

FOR FEE - 24578660

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Signature

Andrew Boyd

Printed Name of Person Signing

TRANSMITTAL OF FORMAL DRAWINGS

Attention: Official Draftsman
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please substitute the enclosed 14 (fourteen) sheets of formal drawings for the corresponding drawings presently in the application

The Commissioner is hereby authorized to charge any fees associated with this request to our Deposit Account No. 501668.

Respectfully submitted,

MILLENNIUM PHARMACEUTICALS, INC.
75 Sidney Street
Cambridge, MA 02139
(617) 551-3969

October 18, 2001

By: Jill E. Uhl
Jill E. Uhl
Reg. No: 43,213

09981947-101801
TOTAL = 24618660